UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF CALIFORNIA
REPRESENTED BY THE
DIRECTOR OF PUBLIC WORKS

LAKE PILLSBURY QUADRANGLE
CALIFORNIA
15 MINUTE SERIES (TOPOGRAPHIC)

MAP EXPLANATION

Quaternary faults mapped by dePolo and Ohlin (1984), based on air photo interpretation. Faults plotted from 100,000 scale map and are only approximately located. Boxed annotations are from dePolo and Ohlin (1984).

Faults mapped by Etter (1979), dashed where approximately located, dotted where concealed.

Faults (lineaments) mapped by Geomatrix (1986).

Locality referred to in text.

Location and orientation of trench excavations by Geomatrix (1986) (approximately located). Evidence of possible Holocene activity exposed in trench indicated in red. Location of trench less than 100 feet long indicated by X.

Fault is well-defined and/or was verified as exhibiting geomorphic evidence of latest Pleistocene to Holocene displacement by Bryant (this report).

Fault is not well-defined and/or was not verified as exhibiting geomorphic evidence of latest Pleistocene to Holocene displacement by Bryant (this report).

KEY TO FAULTED AND UNFAULTED DEPOSITS

□ -deposit offset	H -Holocene	L -late Pleistocene
○ -deposit not offset	Q -Quaternary	b -bedrock

GEOMORPHIC FEATURES INDICATIVE OF FAULT RECENCY AND/OR LOCATION, BASED ON AIR PHOTO INTERPRETATION AND FIELD MAPPING BY BRYANT (THIS REPORT)

b - bench
bd - beheaded drainage
bfs - back-facing scarp
bis - break in slope
cd - closed depression
dd - deflected drainage
rl-right lateral
ll- left lateral
dno - drainage not offset
dov - drainage offset vertically or exhibits "wineglass" configuration
ld - linear drainage
lr - linear ridge
n - notch
pa - ponded alluvium
s - saddle
sb - sidehill bench
sr - shutter ridge
t - tonal lineament
tr - trough
vc - vegetation contrast

Figure 2b (to FER-236). Quaternary active traces of the Bartlett Springs fault in the Lake Pillsbury, Lakeport, and Potter Valley 15-minute quadrangles.

Coyote Rocks Segment
McLeod Ridge Segment
Twin Valley Segment
BARTLETT SPRINGS FAULT ZONE
Hot Springs Shear Zone of Etter (1979)
Flt expression in Qls
Serpentine flt
gouge cutting Quat terrace deposits
swale
uphill facing scarp

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1948. Field check 1951

Polyconic projection. 1927 North American datum
10,000-foot grid based on California coordinate system, zone 2

Dashed land lines indicate approximate locations

Unchecked elevations are shown in brown

1000-meter Universal Transverse Mercator grid ticks, zone 10, shown in blue

UTM GRID AND 1951 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:625

CONTOUR INTERVAL

NATIONAL GEODETIC VERTICAL

THIS MAP COMPLIES WITH NATIONAL M

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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND S

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